

REMARKS

Claims 1, 2 and 4-15 are pending in this application. By this Amendment, claims 1, 4 and 9 are amended. Claims 10-15 are added. The amendments and added claims introduce no new matter. Claim 3 is canceled without prejudice to, or disclaimer of, the subject matter recited in that claim. Reconsideration of the application based on the above amendments and following remarks is respectfully requested.

Applicants appreciate the indication of allowability regarding claims 3-8. These claims are indicated as allowable if rewritten in independent form including all the features of the base claim and any intervening claims. The amendments to the claims and added claims are taken in light of this indication of allowability. Specifically, claims 1 and 9 are amended to incorporate the indicated allowable features of claim 3. The added claims include the indicated allowable subject matter of claims 2 and 4-8, respectively.

The Office Action rejects claim 9 under 35 U.S.C. §101. This rejection is respectfully traversed. Claim 9 is amended to recite a method of detecting a rotation angle comprising, among other features, narrowing a free-running range of a rotational angular speed at a time of starting settling of the rotation angle, wherein the feedback control is performed with a predetermined resolution, and a resolution at the time of starting settling of the rotation angle is made higher than the given resolution of the feedback control. Such a feature provides a tangible result within the scope of 35 U.S.C. §101. Accordingly, reconsideration and withdrawal of the rejection of claim 9 is respectfully requested.

The Office Action rejects claims 1 and 2 under 35 U.S.C. §102(b) over U.S. Patent No. 4,653,315 to Ament et al. (hereinafter "Ament"). The amendment to claim 1, incorporating indicated allowable subject matter of claim 3, and the dependency of claim 2 on claim 1, obviates these rejections.

Accordingly, reconsideration and withdrawal of the rejections of claims 1 and 2 is respectfully requested.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1, 2 and 4-15 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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